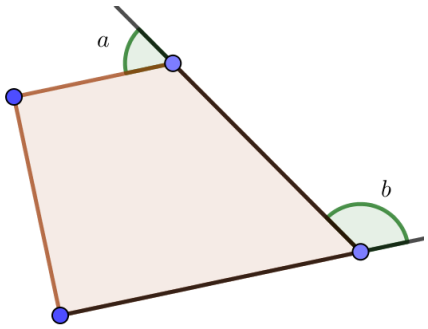
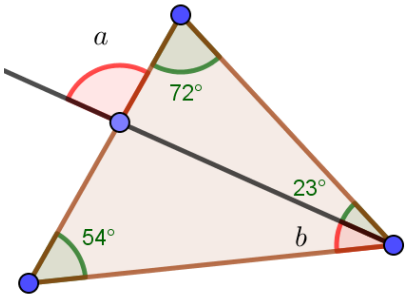
Right Trapezium



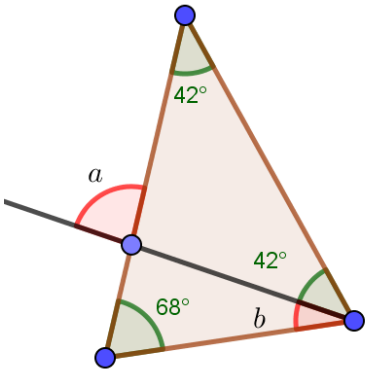
a, b

A



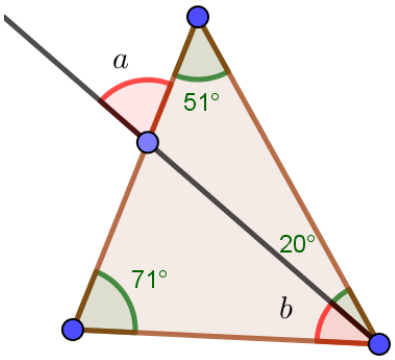
a, b

A



a, b

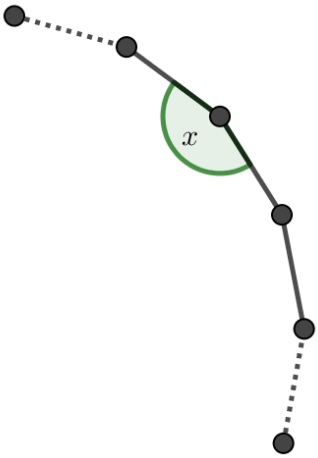
A



a, b

A

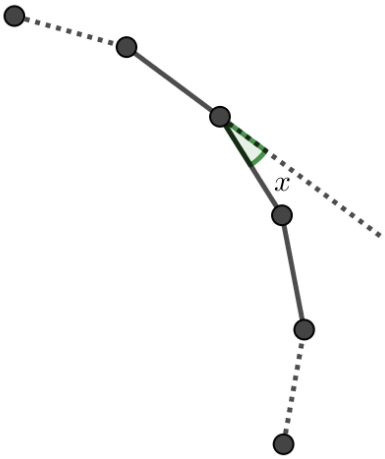
Regular n-gon



x, n

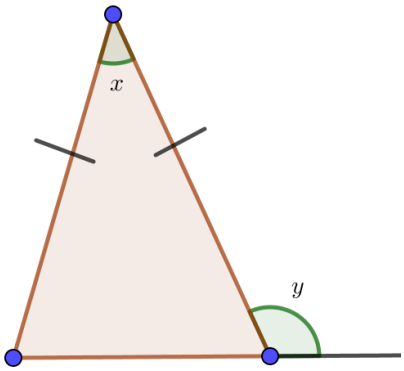
A

Regular n-gon



x, n

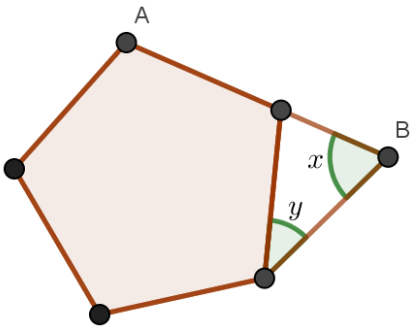
A



x, y

A

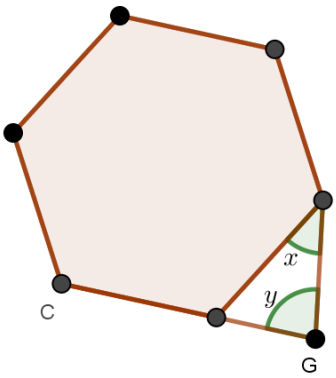
Regular Pentagon
AB is straight



x, y

A

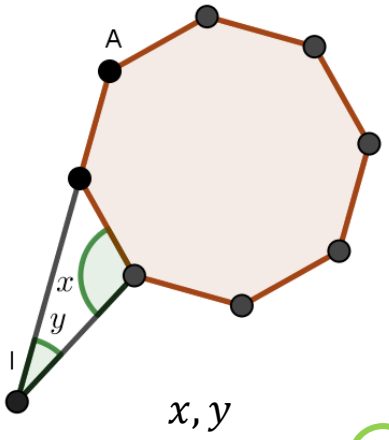
Regular Hexagon
CG is straight



x, y

A

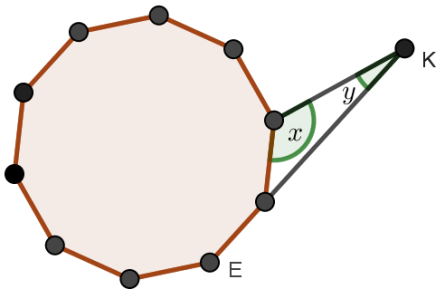
Regular Octagon
AI is straight



x, y

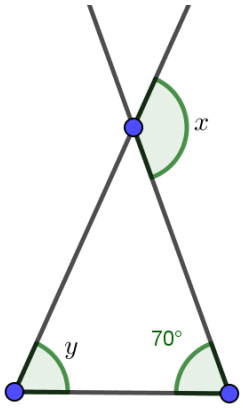
A

Regular Decagon
EK is straight



x, y

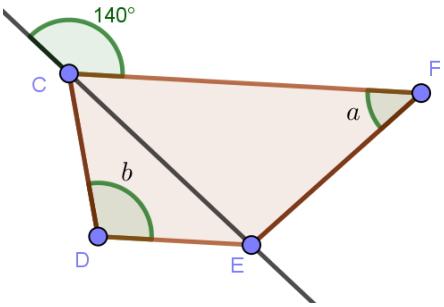
A



x, y

A

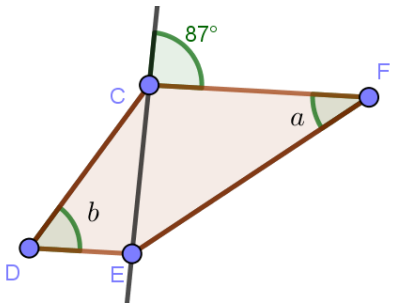
Trapezium CDEF



a, b

A

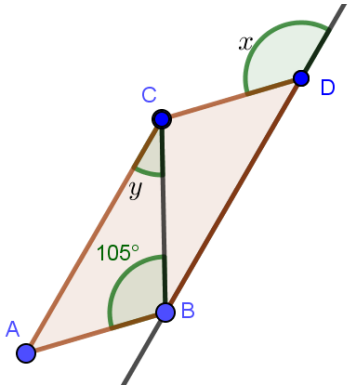
Trapezium CDEF



a, b

A

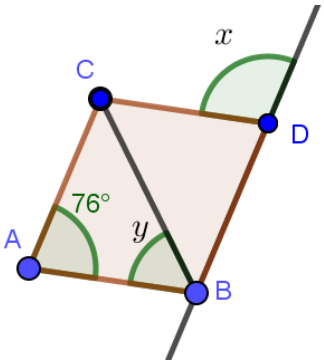
Parallelogram ABCD



x, y

A

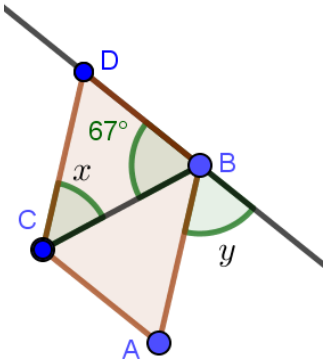
Parallelogram ABCD



x, y

A

Parallelogram ABCD

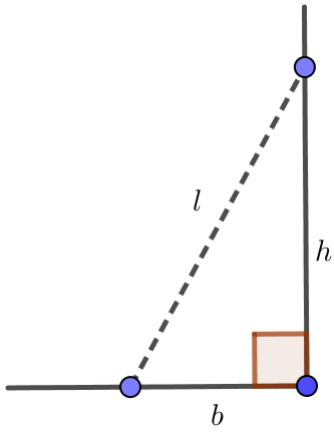


x, y

A

A

Ladder length l
Rests at distances h & b



l, h, b

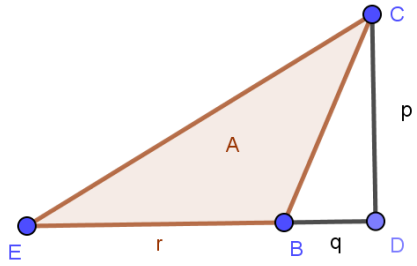
P

Length (L) of $\begin{pmatrix} x \\ y \end{pmatrix}$

L, x, y

P

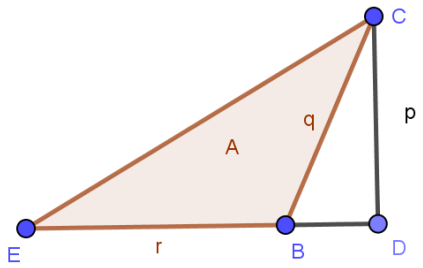
CD perpendicular to ED
Area A of BCE



A, p, q, r

P

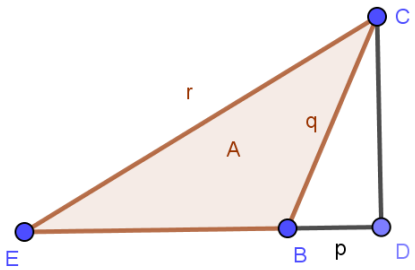
CD perpendicular to ED
Area A of BCE



A, p, q, r

P

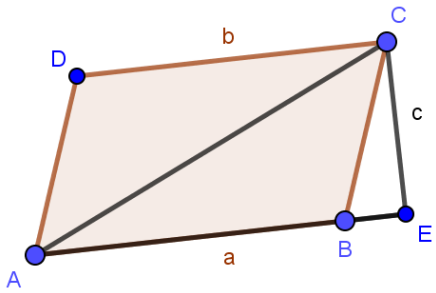
CD perpendicular to ED
Area A of BCE



A, p, q, r

P

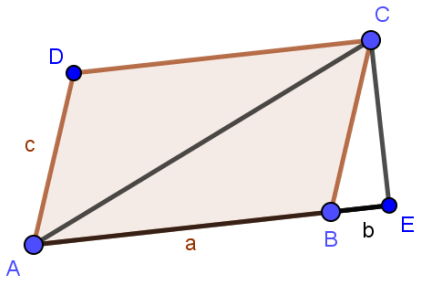
Parallelogram ABCD with
Perimeter P
AE perpendicular to CE
a = length of AE



P, a, b, c

P

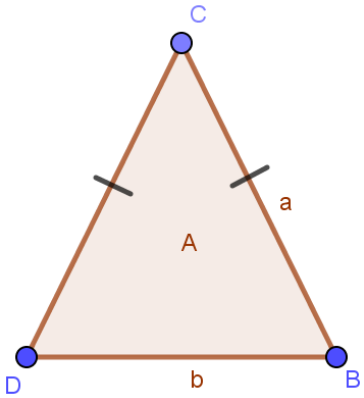
Parallelogram ABCD with
AE perpendicular to CE
A = Area of ADCE



A, a, b, c

P

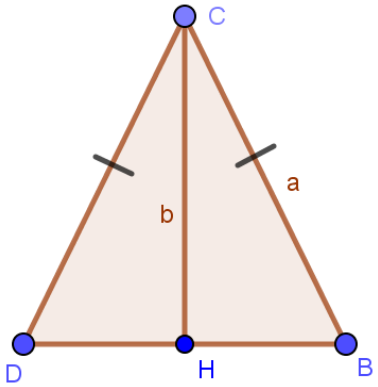
Area A of BCD



A, a, b

P

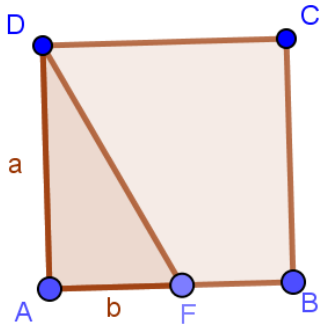
CH perpendicular to DB
P = perimeter of BCD



P, a, b

P

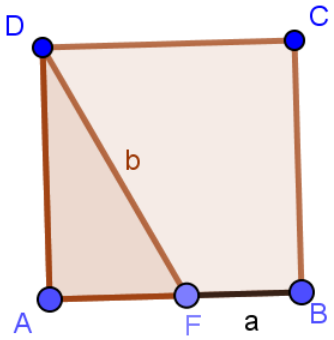
Square ABCD
P= Perimeter of BCDF



P, a, b

P

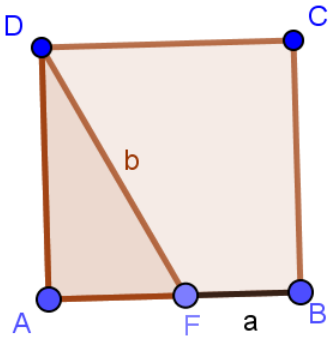
Square ABCD
P= Perimeter of BCDF



P, a, b

P

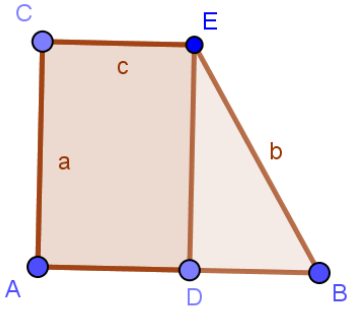
Square ABCD
A= Area of BCDF



A, a, b

P

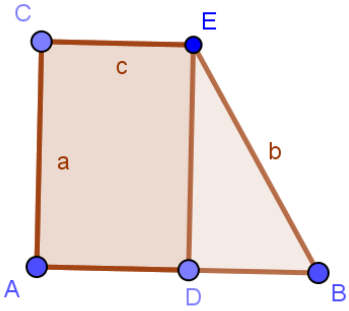
Rectangle ACED
A = Area of right trapezium ACEB



A, a, b, c

P

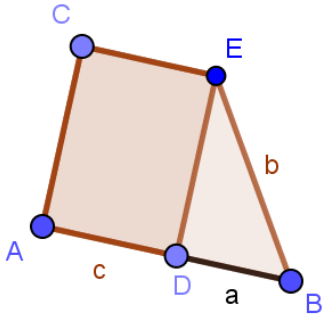
Rectangle ACED
P = Perimeter of right trapezium ACEB



A, a, b, c

P

Rectangle ACED
A = Area of right trapezium ACEB

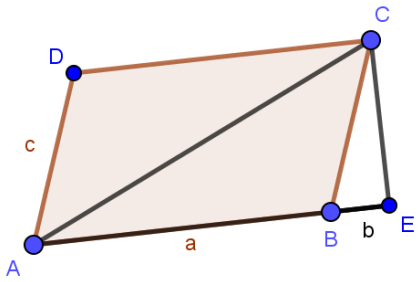


A, a, b, c

P

Parallelogram ABCD with AE perpendicular to CE

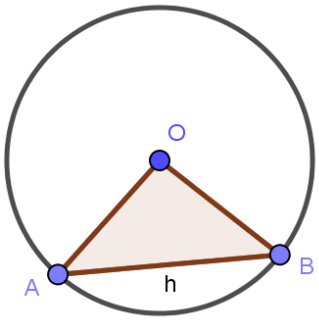
P=Perimeter of ACD



P, a, b, c

P

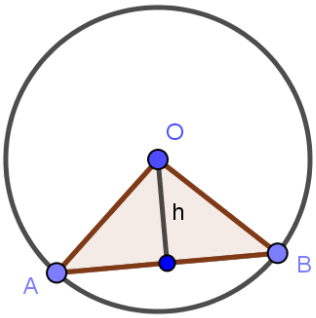
Circle centre O, radius r
A = Area of OAB



A, h, r

P

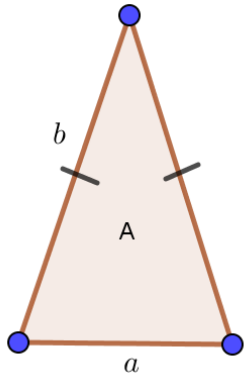
Circle centre O, radius r
P = Perimeter of OAB



P, h, r

P

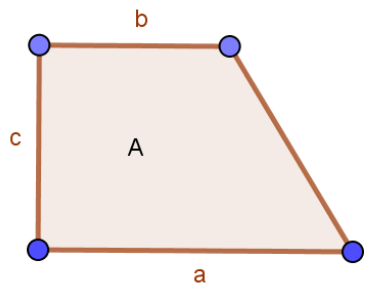
Lengths a, b Area A



A, a, b

M

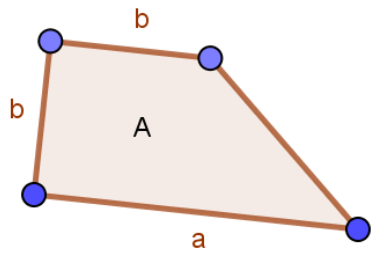
Right Trapezium
Lengths a, b, c Area A



A, a, b, c

M

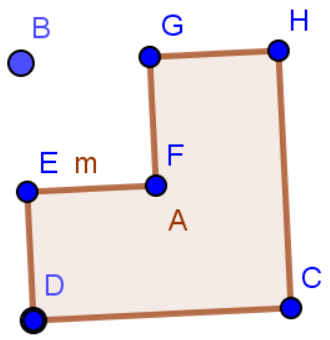
Right Trapezium
Lengths a, b Area A



A, a, b

M

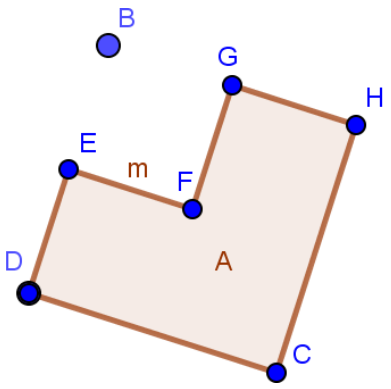
Squares BGFE and BHCD
Length m Area A>10



A, m

M

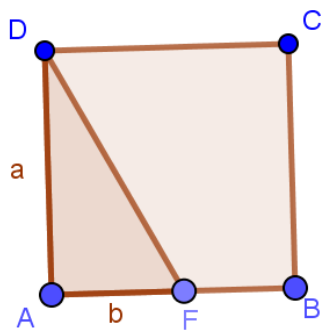
Squares BGFE and BHCD
Length m>10 Area A



A, m

M

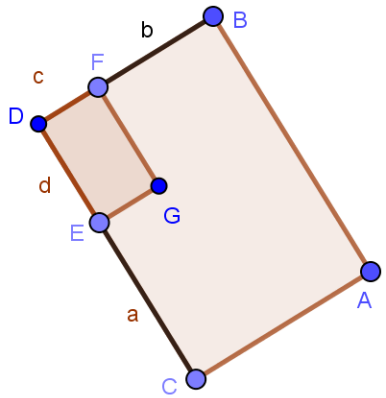
Square ABCD
A= Area of BCDF



A, a, b

M

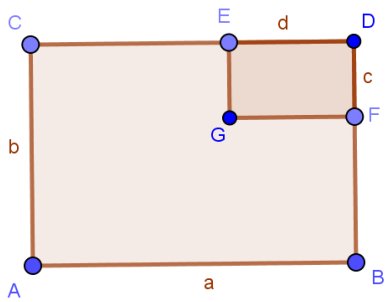
Rectangles ABCD&EDFG
A= Area of ABFGEC



A, a, b, c, d

M

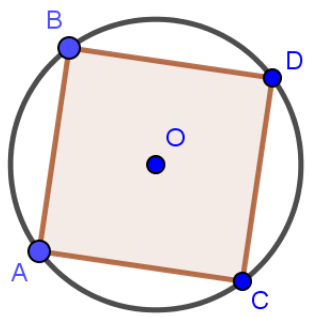
Rectangles ABCD&EDFG
A= Area of ABFGEC



A, a, b, c, d

M

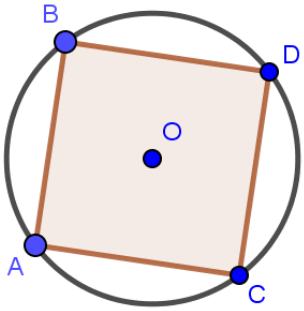
Circle centre O radius r
Square ABCD, π=3
A = unshaded area



A, r

M

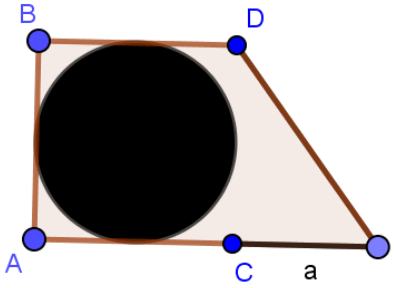
Circle centre O radius r
Square ABCD, π=3
L = curved length BD



L, r

M

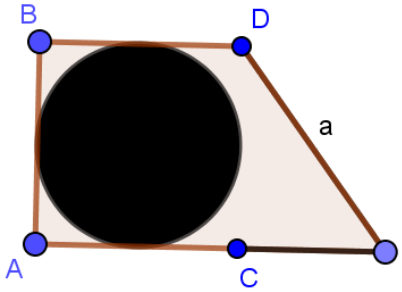
Square ABDC, π=3
Circle Radius r
A = pink area



A, a, r

M

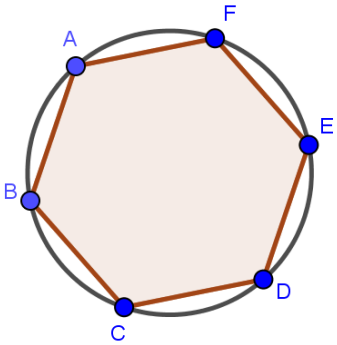
Square ABDC, π=3
Circle Radius r
A = pink area



A, a, r

M

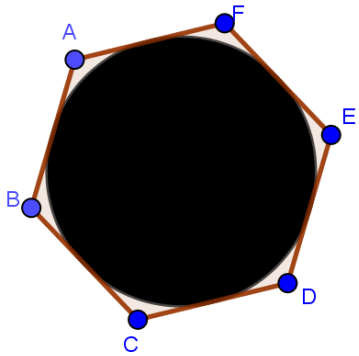
Regular Hexagon ABCDEF
Circle radius r, π=3
A = unshaded area



A, r

M

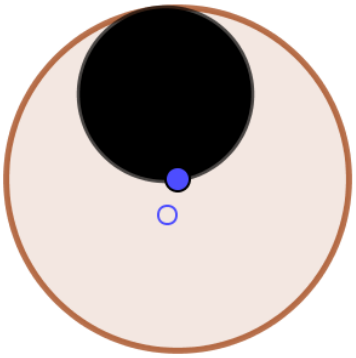
Regular Hexagon ABCDEF
Circle radius r, π=3
A = pink area



A, r

M

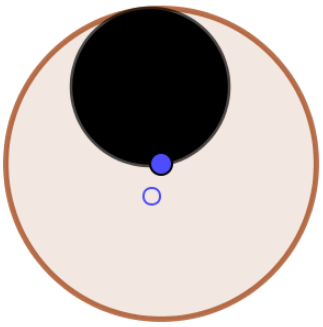
Circle radius r & centre O
A = pink area, π=3



A, r

M

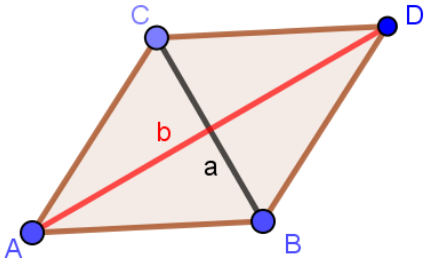
Circle radius r & centre O
P = total curved length
π=3



P, r

M

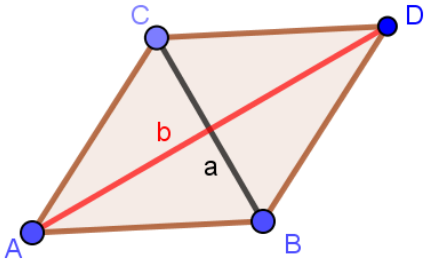
A = area of Rhombus
ABCD



A, a, b

M

P = perimeter of
Rhombus ABCD



P, a, b

M

0	0	0
0	0	1
1	1	2

2	2	3
3	3	4
4	4	5

5	5	5
5	6	6
6	7	7

8	8	9
9	10	10
20	20	30

30	40	40
50	50	60
60	70	70

80	80	90
80	100	100
100	100	100

GIVE
UP!

GIVE
UP!

GIVE
UP!

GIVE
UP!